

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
10502/002001SERIAL NO.  
09/184,572

JUL 19 1999

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Lisa McKerracher et al.FILING DATE  
November 2, 1998

TECH CENTER 1600/2900

(37 CFR 1.98(b))

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ST	AA	4 9 9 7 8 3 4	03/05/1991	Muro et al.	514	227.8	
	AB						

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	AC						
	AD						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

ST	AE	Amano et al., "Formation of Actin Stress Fibers and Focal Adhesions Enhanced by Rho-Kinase," Science 275:1308-11, 1997.
ST	AF	Chardin et al., "Coding sequence of human rho cDNAs clone 6 and clone 9," Nucleic Acids Research 16:2717, 1988.
ST	AG	Diekmann et al., "In Vitro Binding Assay for Interactions of Rho and Rac with GTPase-Activating Proteins and Effectors," Methods in Enzymology 256:207-215, 1995.
ST	AH	Dillon et al., "Purification and Assay of Recombinant C3 Transferase," Methods in Enzymology 256:174-195, 1995.
ST	AI	Hall, "Small Gtp-Binding Proteins and the Regulation of the Actin Cytoskeleton," Annu. Rev. Cell Biol. 10:31-54, 1994.
ST	AJ	Hutchens et al., "Structurally Similar Drosophila $\alpha$ -Tubulins Are Functionally Distinct In Vivo," Molecular Biology of the Cell 8:481-500, 1997.
ST	AK	Ishizaki et al., "p160 <sup>ROCK</sup> , a Rho-associated coiled-coil forming protein kinase, works downstream of Rho and induces focal adhesions," FEBS Letters 404:118-124, 1997.
ST	AL	Jin et al., "Rac1 Mediates Collapsin-1-Induced Growth Cone Collapse," J. Neurosci. 17(16):6256-6263, 1997.
ST	AM	Katoh et al., "p160 RhoA-binding Kinase ROK $\alpha$ Induces Neurite Retraction," J. Biol. Chem. 273(5):2489-2492, 1998.
ST	AN	Laudanna et al., "Role of Rho in Chemoattractant-Activated Leukocyte Adhesion Through Integrins," Science 271:981-983, 1996.

EXAMINER

DATE CONSIDERED

5-28-00

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of  
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## U.S. PATENT DOCUMENTS

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BA						

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
BB					

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

BC	Luo et al., "Differential effects of the Rac GTPase on Purkinje cell axons and dendritic trunks and spines," Nature 379:837-840, 1996.
BD	Luo et al., "Distinct morphogenetic functions of similar small GTPases: Drosophila Drac1 is involved in axonal outgrowth and myoblast fusion," Genes & Development 8:1787-1802, 1994.
BE	Matsui et al., "Rho-associated kinase, a novel serine/threonine kinase, as a putative target for the small GTP binding protein RHO," The EMBO Journal 15(9):2208-2216, 1996.
BF	Morii et al., "Preparation of Native and Recombinant Clostridium botulinum C3 ADP-Ribosyltransferase and Identification of Rho Proteins by ADP-Ribosylation," Methods in Enzymology 256:196-206, 1995.
BG	Nobes et al., "Rho, Rac, and Cdc42 GTPases Regulate the Assembly of Multimolecular Focal Complexes Associated with Actin Stress Fibers, Lamellipodia, and Filopodia," Cell 81:53-62, 1995.
BH	Somlyo, "Rhomantic interludes raise blood pressure," Nature 389:908-911, 1997.
BI	Song et al., "Conversion of Neuronal Growth Cone Responses from Repulsion to Attraction by Cyclic Nucleotides," Science 281:1515-1518, 1998.
BJ	Tigyi et al., "Lysophosphatidic Acid-Induced Neurite Retraction in PC12 Cells: Control by Phosphoinositide- Ca <sup>2+</sup> Signaling and Rho," Journal of Neurochemistry 66(2):537-548, 1996.
BK	Udagawa et al., "ADP-ribosylation of the G Protein Rho Inhibits Integrin Regulation of Tumor Cell Growth," J. Biol. Chem. 271:12542-12548, 1996.
BL	Uehata et al., "Calcium sensitization of smooth muscle mediated by a Rho-associated protein kinase in hypertension," Nature 389:990-994, 1997.

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6-1-00

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	CI						
	CJ						
	CK						

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							YES	NO
	CL							
	CM							
	CN							
	CO							
	CP							

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	CQ	van Leeuwen et al., "The Guanine Nucleotide Exchange Factor Tiam1 Affects Neuronal Morphology; Opposing Roles for the Small GTPases Rac and Rho," J. Cell Biol. 139(3):797-807, 1997.
		Yeramian et al., "Nucleotide sequence of human rho cDNA clone 12," Nucleic Acids Research 15(4):1869, 1987.
	CR	Zipkin et al., "Role of a New Rho Family Member in Cell Migration and Axon Guidance in C. elegans,"
		Cell 90:883-894, 1997.

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DATE CONSIDERED

6-1-80

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